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- ☐ 7. Computational fluid dynamic model and dimensional analysis of diffusion, convection and reaction in electrochemical sensors
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DOCUMENT-IDENTIFIER: US 20050240384 A1

TITLE: Method for modeling complex occlusions in fluid simulations

PUBLICATION-DATE: October 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Houston</u> , Benjamin B.	Winnipeg		CA
Wiebe, Mark	Winnipeg		CA

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TITLE: Method of and apparatus for assessing the effect of a conduit on flow characteristics of a first fluid

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INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Houston</u> , John Graeme	Central Scotland		GB
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US-CL-CURRENT: 600/407; 600/419, 600/437

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMNC	Draw. De
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☐ 3. Document ID: US 20050128195 A1

L1: Entry 3 of 3

File: PGPB

Jun 16, 2005

PGPUB-DOCUMENT-NUMBER: 20050128195

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050128195 A1

TITLE: Method for converting explicitly represented geometric surfaces into accurate level sets

PUBLICATION-DATE: June 16, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Houston</u> , Benjamin B.	Winnipeg		CA
Wiebe, Mark	Winnipeg		CA

US-CL-CURRENT: 345/419

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMNC	Draw. De
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SIMULATA	7
SIMULATABILITY	5
SIMULATABLE	172
SIMULATAEOUSLY	1
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(HOUSTON.IN. AND (FLUID WITH SIMULAT\$)). PGPB, USPT.	3

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☐ 1. Document ID: US 20060074610 A1

L5: Entry 1 of 13

File: PGPB

Apr 6, 2006

PGPUB-DOCUMENT-NUMBER: 20060074610

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060074610 A1

TITLE: Apparatus and method of simulating the movement of elements through a region of 3D space

PUBLICATION-DATE: April 6, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Rasmussen; Nicholas Grant	San Rafael	CA	US
Fedkiw; Ronald Paul	Sunnyvale	CA	US

US-CL-CURRENT: 703/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20060070434 A1

L5: Entry 2 of 13

File: PGPB

Apr 6, 2006

PGPUB-DOCUMENT-NUMBER: 20060070434

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060070434 A1

TITLE: 2D central difference level set projection method for ink-jet simulations

PUBLICATION-DATE: April 6, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Yu; Jiun-Der	Sunnyvale	CA	US

US-CL-CURRENT: 73/152.18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20050253854 A1

L5: Entry 3 of 13

File: PGPB

Nov 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050253854
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050253854 A1

TITLE: Method and system for performing computer graphic simulation of a fluid
using target-driven control

PUBLICATION-DATE: November 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lischinski, Daniel	Jerusalem		IL
Fattal, Raanan	Jerusalem		IL

US-CL-CURRENT: 345/474

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Drawn De
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☐ 4. Document ID: US 20050243117 A1

L5: Entry 4 of 13

File: PGPB

Nov 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050243117
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050243117 A1

TITLE: Divergence filters on quadrilateral grids for ink-jet simulations

PUBLICATION-DATE: November 3, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Yu, Jiun-Der	Sunnyvale	CA	US

US-CL-CURRENT: 347/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Drawn De
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☐ 5. Document ID: US 20050240384 A1

L5: Entry 5 of 13

File: PGPB

Oct 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050240384
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050240384 A1

TITLE: Method for modeling complex occlusions in fluid simulations

PUBLICATION-DATE: October 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Houston, Benjamin B.	Winnipeg		CA
Wiebe, Mark	Winnipeg		CA

US-CL-CURRENT: 703/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 6. Document ID: US 20050182603 A1

L5: Entry 6 of 13

File: PGPB

Aug 18, 2005

PGPUB-DOCUMENT-NUMBER: 20050182603

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050182603 A1

TITLE: N-phase interface tracking method utilizing unique enumeration of microgrid cells

PUBLICATION-DATE: August 18, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Freitas, Christopher J.	San Antonio	TX	US
Clarke, Mary Ann	San Antonio	TX	US

US-CL-CURRENT: 703/2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 7. Document ID: US 20050046649 A1

L5: Entry 7 of 13

File: PGPB

Mar 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050046649

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050046649 A1

TITLE: Consistent back pressure for piezoelectric ink-jet simulation

PUBLICATION-DATE: March 3, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Yu, Jiun-Der	Sunnyvale	CA	US

Sakai, Shinri

Suwa-shi

JP

US-CL-CURRENT: 347/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn De
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☐ 8. Document ID: US 20040181383 A1

L5: Entry 8 of 13

File: PGPB

Sep 16, 2004

PGPUB-DOCUMENT-NUMBER: 20040181383

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040181383 A1

TITLE: Coupled quadrilateral grid level set scheme for piezoelectric ink-jet simulation

PUBLICATION-DATE: September 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Yu, Jiun-Der	Sunnyvale	CA	US
Sakai, Shinri	Suwa-shi		JP

US-CL-CURRENT: 703/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn De
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☐ 9. Document ID: US 20030060988 A1

L5: Entry 9 of 13

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030060988

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030060988 A1

TITLE: Method and apparatus for computing an interface of a fluid in a space

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ginzburg, Irina	Kaiserslautern		DE

US-CL-CURRENT: 702/50

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn De
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☐ 10. Document ID: US 6266071 B1

L5: Entry 10 of 13

File: USPT

Jul 24, 2001

US-PAT-NO: 6266071

DOCUMENT-IDENTIFIER: US 6266071 B1

TITLE: Method of producing fluid-like animations using a rapid and stable solver
for the Navier-Stokes equations

DATE-ISSUED: July 24, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stam; Jos	Seattle	WA		
Brinsmead; Duncan	Ontario			CA

US-CL-CURRENT: 345/473

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 11. Document ID: US 6089744 A

L5: Entry 11 of 13

File: USPT

Jul 18, 2000

US-PAT-NO: 6089744

DOCUMENT-IDENTIFIER: US 6089744 A

TITLE: Computer simulation of physical processes

DATE-ISSUED: July 18, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Hudong	Newton	MA		
Hoch, Jr.; James E.	Harvard	MA		
Teixeira; Christopher M.	Cambridge	MA		

US-CL-CURRENT: 703/2; 703/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 12. Document ID: US 5953239 A

L5: Entry 12 of 13

File: USPT

Sep 14, 1999

US-PAT-NO: 5953239

DOCUMENT-IDENTIFIER: US 5953239 A

TITLE: Computer simulation of physical processes

DATE-ISSUED: September 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Teixeira; Christopher M.	Cambridge	MA		
Chen; Hudong	Newton	MA		
Molvig; Kim	Concord	MA		

US-CL-CURRENT: 703/6; 703/2, 703/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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☐ 13. Document ID: US 5801969 A

L5: Entry 13 of 13

File: USPT

Sep 1, 1998

US-PAT-NO: 5801969

DOCUMENT-IDENTIFIER: US 5801969 A

**** See image for Certificate of Correction ****

TITLE: Method and apparatus for computational fluid dynamic analysis with error estimation functions

DATE-ISSUED: September 1, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nagahama; Yoshinori	Kawasaki			JP

US-CL-CURRENT: 703/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
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Term	Documents
ADVECTION	330
ADVECTIONS	8
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PRESSURES	335276
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(L4 AND (ADVECTION AND PRESSURE)).PGPB, USPT.	13

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